

**MINIATURIZED INTEGRATED NUCLEIC ACID  
PROCESSING AND ANALYSIS DEVICE AND METHOD  
ABSTRACT**

A miniature device has a body including one, two or more reaction  
5 chambers. The reaction chambers are constructed for one or more of the  
following: sample acquisition, preparation or analysis. Preferably, a sample  
preparation reaction includes nucleic acid extraction, amplification, nucleic acid  
fragmentation, labeling, extension or a transcription.